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DAE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/785,418 Confirmation No. 8366  
Applicant(s) : Magnus Kristiansen et al.  
Filed : February 25, 2004  
Tech Cntr/GAU : 1732  
Examiner : unassigned  
Entitled : Polymer Gel-Processing Techniques and High Modulus Products  
  
Attorney Reference : 121939-40308491  
Customer Number : 43569

**MAIL STOP PETITIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RENEWED PETITION TO WITHDRAW HOLDING OF ABANDONMENT  
UNDER 37 CFR 1.181**

Sir:

In response to the Decision on Petition mailed May 5, 2006 dismissing the petition to withdraw the holding of abandonment filed March 24, 2006, Applicants hereby renew their request to withdraw the holding of abandonment.

This Application was designated as abandoned by the Patent Office on March 14, 2006 for failure to respond to a Notice to File Missing Parts. A response to this Notice was filed by Applicants on August 19, 2005. A petition to withdraw the PTO's abandonment was filed on March 24, 2006, with a copy of the stamped filing receipt and the complete response. This petition was dismissed, with the statement of the Petitions Attorney indicating that "a copy of the alleged response [to the Notice to file Missing Parts] and a copy of the date-stamped return receipt do not appear to have been provided with the instant petition." Accordingly, attached please find a copy of the August 19, 2005 filing in response to the Notice to File Missing Parts with the date-stamped receipt at tab A, and a copy of the Petition filed March 24, 2006 with the

date-stamped receipt for the filing of the Petition and the copy of the August 19, 2005 date-stamped receipt and response.

No petition fee is required. However, authorization is given herein to charge any deficiencies in the fees not specifically authorized herein, or to further credit any overpayments, to Deposit Account No. 503-121 in order to maintain the pendency of this application.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By: 

John E. Mauk  
Registration No. 54,579

Paul L. Sharer  
Registration No. 36,004

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006  
(202) 263-3000 Telephone  
(202) 263-3300 Facsimile

Date: June 12, 2006



**RECEIPT FROM USPTO FOR HAND-DELIVERY  
OF INDICATED ITEMS**

MAYER  
BROWN  
ROWE  
& MAW

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101



Application Serial No. 10/785,418	Attorney: John E. Mauk/cdw
First Inventor: Magnus Kristiansen et al.	Date: August 19, 2005
	Attorney Reference: 121939-40308491

**ENCLOSED:**

- ☒ Response to Notice to File Missing Parts of Application, including:
- Declaration/Power of Attorney signed by inventors;
  - Assignment and Assignment Recordation Cover Sheet;
  - Information Disclosure Statement with PTO-1449 and Cited References;
  - Change of Address (pto/SB/122); and
  - Copy of Notice to File Missing Parts dated July 13, 2005.

\$  Total Fee Charged to Deposit Account

CURRENT DUE DATE:

**RECEIPT FROM USPTO FOR HAND-DELIVERY  
OF INDICATED ITEMS**



MAYER  
BROWN  
ROWE  
& MAW

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101

Application Serial No. 10/785,418	Attorney: John E. Mauk/cdw
First Inventor: Magnus Kristiansen et al.	Date: August 19, 2005
	Attorney Reference: 121939-40308491

**ENCLOSED:**

- ☒ Response to Notice to File Missing Parts of Application, including:
- Declaration/Power of Attorney signed by inventors;
  - Assignment and Assignment Recordation Cover Sheet;
  - Information Disclosure Statement with PTO-1449 and Cited References;
  - Change of Address (pto/SB/122); and
  - Copy of Notice to File Missing Parts dated July 13, 2005.

\$ 2420.00 Total Fee Charged to Deposit Account

CURRENT DUE DATE: September 13, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 09/785,418 Confirmation No. 8366  
Applicant(s) : Magnus Kristiansen et al.  
Filed : February 25, 2004  
Tech Cntr/AU : 1732  
Examiner : unassigned  
Entitled : Polymer Gel-Processing Techniques and High Modulus Products  
Attorney Reference : 121939-40308491  
Customer Number : 43569

**MAIL STOP MISSING PARTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

In response to the Notice to File Missing Parts of Application mailed **July 13, 2005**, a copy of which is enclosed herewith, Applicant(s) submit the following:

**REQUIRED PARTS OF APPLICATION**

- ☒ Additional claim fees as itemized on the attached PTO/SB/17 (in duplicate);
- ☒ Filing, Examination and/or Search fees as itemized on the attached PTO/SB/17 (in duplicate);
- ☒ Late surcharge as itemized on the attached PTO/SB/17 (in duplicate);
- ☒ Declaration/Power of Attorney signed and dated by inventor(s) (2 pages);
- ☐ Substitute specification;
- ☐ Other:

**ADDITIONAL DOCUMENTS SUBMITTED**

- ☒ Assignment and Assignment Recordation Cover Sheet (3 pages);
- ☐ Supplemental Application Data Sheet;
- ☒ Information Disclosure Statement with PTO Form 1449;
- ☐ Certified copy of priority document;
- ☐ Preliminary Amendment;
- ☐ Petition for Extension of Time (PTO/SB/22) in duplicate;
- ☐ Other:

**SMALL ENTITY STATUS**

☐ Applicant(s) claim small entity status for this application.

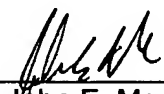
**FEE AUTHORIZATION**

- ☒ Authorization is hereby given to charge any deficient fee(s) as necessary to ensure the pendency of this application, or to credit any fee overpayments, to Deposit Account No. 503-121.
- ☒ Authorization is hereby given to charge the fees as itemized on the attached PTO/SB/17 to Deposit Account No. 503-121.
- ☐ Authorization is hereby given to charge the requisite extension of time fees as itemized on the attached PTO/SB/22 to Deposit Account No. 503-121.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By:   
\_\_\_\_\_  
John E. Mauk  
Registration No. 54,579

Paul L. Sharer  
Registration No. 36,004

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006  
(202) 263-3000 Telephone  
(202) 263-3300 Facsimile

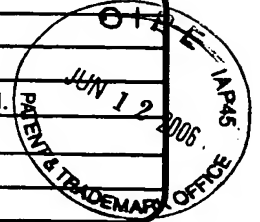
Date: August 19, 2005

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**2380.00****Complete if Known**

Application Number	10/785,418
Filing Date	February 25, 2004
First Named Inventor	Magnus Kristiansen et al.
Examiner Name	unassigned
Art Unit	1732
Attorney Docket No.	121939-40308491

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: **503-121** Deposit Account Name: **Mayer Brown Rowe & Maw LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	1000.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
45 - 20 or HP = 25	x	\$50	= 1250.00
HP = highest number of total claims paid for, if greater than 20			
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
3 - 3 or HP = 0	x	\$200	= 0
HP = highest number of independent claims paid for, if greater than 3			

Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)
0	0

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
24 - 100 = 0	/ 50 = 0	(round up to a whole number) x	\$125	= 0

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Late filing of the Declaration Surcharge

Fees Paid (\$)
0
130.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 54,579	Telephone 202-263-3255
Name (Print/Type)	John E. Mauk	Date August 19, 2005	

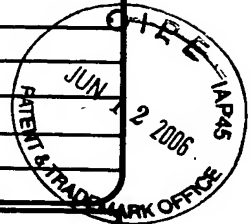
This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**2380.00****Complete if Known**

Application Number	10/785,418
Filing Date	February 25, 2004
First Named Inventor	Magnus Kristiansen et al.
Examiner Name	unassigned
Art Unit	1732
Attorney Docket No.	121939-40308491

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 503-121 Deposit Account Name: Mayer Brown Rowe & Maw LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	1000.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
45 - 20 or HP = 25	x	\$50	= 1250.00			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
3 - 3 or HP = 0	x	\$200	= 0			
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
24 - 100 = 0	/ 50 = 0	(round up to a whole number) x	\$125	= 0

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Late filing of the Declaration Surcharge

Fees Paid (\$)
0
130.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 54,579	Telephone 202-263-3255
Name (Print/Type)	John E. Mauk	Date August 19, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/785,418	02/25/2004	Magnus Kristiansen	065322-0308491

00909  
 PILLSBURY WINTHROP SHAW PITTMAN, LLP  
 P.O. BOX 10500  
 MCLEAN, VA 22102



CONFIRMATION NO. 8366  
 FORMALITIES LETTER  
  
 \*OC0000000164 88990\*

Date Mailed: 07/13/2005

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 790 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing. *A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*  
*Note: If a petition under 37 CFR 1.47 is being filed, an oath or declaration in compliance with 37 CFR 1.63 signed by all available joint inventors, or if no inventor is available by a party with sufficient proprietary interest, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$1250** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$2170** for a Large Entity

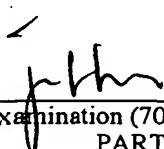
- **\$790** Statutory basic filing fee.

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$1250
  - \$1250 for 25 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

  
Office of Initial Patent Examination (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

FOR UTILITY/DESIGN  
CIP/PCT NATIONAL/PLANT  
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL  
DECLARATIONS

RULE 63 (37 C.F.R. 53)  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PW  
FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the **INVENTION ENTITLED**

**POLYMER GEL-PROCESSING TECHNIQUES AND HIGH MODULUS PRODUCTS**

the specification of which (CHECK applicable BOX(ES))  
X A. ☐ is attached hereto.  
BOX(ES) → B. ☒ was filed on February 25, 2004 as U.S. Application No. 10/785,418  
→ C. ☐ was filed as PCT International Application No. PCT/ / On / and (if applicable to U.S. or PCT application) was amended on /

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

**PRIOR FOREIGN APPLICATION(S)**

Number	Country	Day/MONTH/Year Filed	Date first Laid-open or Published	Date Patented or Granted	Priority NOT Claimed
--------	---------	----------------------	-----------------------------------	--------------------------	----------------------

If more prior foreign applications, X box at bottom and continue on attached page.

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

**PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)**

Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status	Priority NOT Claimed
60/449,616	26 February 2003	pending, abandoned, patented abandoned	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Winthrop LLP, Intellectual Property Group, P.O. Box 10500, McLean, VA 22102, telephone number (703) 905-2000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary.

Name	First	Middle Initial	Family Name
G. Lloyd Knight	17698	Mark G. Paulson	30793
George M. Sirilla	18221	Stephen C. Glazier	31361
Dale S. Lazar	28872	Richard H. Zaitlen	27248
Glenn J. Perry	28458	Roger R. Wise	31204
G. Paul Edgell	24238	Jack S. Barufka	37087
David A. Jakopin	32995	Adam R. Hess	41835
Danielson, Mark	40580	Kim, Chang H.	42727
Dennison, Caroline D.	34494	Baeza, Guillermo	35056
Brummett, Gregory P.	41646	Daley, Henry J.	42459
Sanzo, Michael A.	36912	Siritzky, Brian	37497
Darling, John P.	44482	Elamrani, Samir	43601
James W. Jakobsen	38505	William P. Atkins	38821
		Paul L. Sharer	36004
		Robin L. Teskin	35030
		Anthony L. Miele	34393
		Robert J. Walters	40862
		Brian J. Beatus	38825
		Sethuraman, Anand	43351
		Barrett, Glenn T.	38705
		Fagin, Kenneth M.	37615
		McCarthy, Christine H.	41844
		Hartman, Kerry T.	41818
		Richard A. Steinberg	26588
		John Jobe	28429
		Mark C. Pickering	36239
		David H. Jaffer	32243
		John R. Wetherell	31678
		Steven Moore	35959
		Jeffrey D. Karceski	35914
		Davoudian, Keyvan	47520
		Bowen, Paul T.	38009
		Hilliard, Thomas P.	40330
		Collins, Bryan P.	43560
		Hernandez, Eric	47641
		Christopher M. Beck	52603

(1) INVENTOR'S SIGNATURE: *M. Kristiansen*

Date: 02/16/2004

Magnus		KRISTIANSEN	
First	Middle Initial	Family Name	
Residence	Zurich	Switzerland	Sweden
City	State/Foreign Country		Country of Citizenship
Mailing Address	Hochstrasse 81, Zurich, Switzerland		
(include Zip Code)	CH-8006		

(2) INVENTOR'S SIGNATURE: *Theo*

Date: 02 April 2004

Theo		TERVOORT	
First	Middle Initial	Family Name	
Residence	Zurich	Switzerland	Netherlands
City	State/Foreign Country		Country of Citizenship
Mailing Address	Haldenbachstrasse 30, Zurich, Switzerland		
(include Zip Code)	CH-8006		

"X" box ☒ FOR ADDITIONAL INVENTORS, and proceed on the attached page to list each additional inventor.  
☐ See additional foreign priorities on attached page (incorporated herein by reference).

Atty. Dkt. No. P308491

(M#)

## DECLARATION AND POWER OF ATTORNEY

(continued)

## ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date:

Paul		SMITH	
First	Middle Initial	Family Name	
Residence	Zurich	Switzerland	Netherlands
City	State/Foreign Country		Country of Citizenship
Mailing Address	Huttensteig 10, Zurich, Switzerland		
(include Zip Code)	CH-8006		

(4) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Mailing Address			
(include Zip Code)			

(5) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Mailing Address			
(include Zip Code)			

(6) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Mailing Address			
(include Zip Code)			

(7) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Mailing Address			
(include Zip Code)			

(8) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Mailing Address			
(include Zip Code)			

(9) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name	
Residence			
City	State/Foreign Country		Country of Citizenship
Mailing Address			
(include Zip Code)			

**RECORDATION FORM COVER SHEET  
PATENT APPLICATIONS & PATENTS ONLY**


TO THE COMMISSIONER OF THE U.S. PATENT &amp; TRADEMARK OFFICE:

Sir:

Please record the attached original documents or copy thereof as follows:

**1. NAME OF CONVEYING PARTIES [ASSIGNOR(S)]:**

a. Magnus Kristiansen  
c. Paul Smith  
e.  
g.

b. Theo Tervoort  
d.  
f.  
h.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO**2. PARTIES [ASSIGNEE(S)] RECEIVING INTEREST:**

NAME: Eidgenössische Technische Hochschule Zürich

ADDRESS: Rämistrasse 101, CH-8092 Zürich, Switzerland

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO**3. NATURE OF CONVEYANCE/DOCUMENT:**

☒ Assignment  
☐ Change of Name  
☐ Other:

Assignment of:  
☐ Part interest  
☒ Whole interest

Conveyance document attached is a:  
☒ Copy  
☐ Original  
☐ Certified document

Execution Date(s) on the Conveyance/Document: April 6, 2004, April 2, 2004 &amp; April 2, 2004

Execution Date(s) on the Declaration (if filed herewith): April 6, 2004, April 2, 2004 &amp; April 2, 2004

**4. APPLICATION AND/OR PATENT NUMBER(S):**Additional sheets attached? ☐ YES ☒ NO

a. Application Number(s)	Matter No.	First Inventor	b. Patent Number(s)	Matter No.	First Inventor
10/785,418/	40308491	Kristiansen			

**5. NAME & ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE CONCERNING DOCUMENT  
SHOULD BE MAILED:**

Customer No. 43569  
Mayer, Brown, Rowe & Maw LLP  
Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101

**6. NUMBER OF PROPERTIES INVOLVED:**Applns 1 + Patents 0 = Total: 1**7. AMOUNT OF FEE DUE:**Above Total 1 x \$40 = \$ 40 (Fee Code 8021)**8. PLEASE CHARGE TO:**DEPOSIT ACCOUNT NO. 503-121Under Order No. 121939-40308491

Client/Matter No.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10. TOTAL NUMBER OF PAGES (including cover sheet, attachments and documents): 3

Signature

Name of Attorney: John E. Mauk  
Registration No. 54,579

Date: August 19, 2005  
Telephone: (202) 263-3000 / Facsimile: (202) 263-3300

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:  
Pillsbury Winthrop LLP  
Intellectual Property Group  
P.O. Box 10500  
McLean, VA 22102

Atty. Dkt.	0308491	GEL-PROCESSING - US
	M#	Client Ref.

**ASSIGNMENT**  
**of U.S. Patent Application**

WHEREAS, the undersigned, to wit:

1) Magnus KRISTIANSEN	2) Theo TERVOORT
3) Paul SMITH	4)
5)	6)
7)	8)

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. 065322/0308491

and entitled: POLYMER GEL-PROCESSING TECHNIQUES AND HIGH MODULUS PRODUCTS

for which an application for Letters Patent of the United States

☐ was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;

☒ was filed on February 25, 2004, Appln. No. 10/785,418;

AND WHEREAS

Eidgenössische Technische Hochschule Zürich  
Rämistrasse 101  
CH-8092 Zürich  
Switzerland

(hereinafter ASSIGNEE) desires to acquire an interest therein;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

Signature

Date Signed

Witness

1) M. Kristiansen  
Name: Magnus KRISTIANSEN

April 6 2004

B. Graejaen

2) T. Tervoor  
Name: Theo TERYVOORT

April 2, 2004

B. Graejaen

3) Paul Smith  
Name: Paul SMITH

April 2, 2004

B. Graejaen

4) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7) \_\_\_\_\_  
Name: \_\_\_\_\_

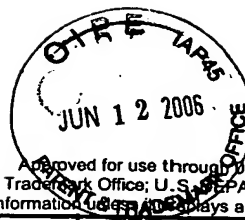
\_\_\_\_\_

\_\_\_\_\_

8) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



PTO/SB/122 (04-05)

Approved for use through 07/31/2006. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**CHANGE OF  
CORRESPONDENCE ADDRESS  
Application**Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	10/785,418
Filing Date	February 25, 2004
First Named Inventor	Magnus Kristiansen et al.
Art Unit	1732
Examiner Name	unassigned
Attorney Docket Number	121939-40308491

Please change the Correspondence Address for the above-identified patent application to:

☒ The address associated with  
Customer Number:

43569

OR

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Email

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

- ☐ Applicant/Inventor
- ☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or agent of record. Registration Number 36,004
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature

Typed or Printed  
Name Paul L. Sharer

Date August 19, 2005

Telephone (202) 263-3340

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application Number : 09/785,418 Confirmation No. 8366  
Applicant(s) : Magnus Kristiansen et al.  
Filed : February 25, 2004  
Tech Cntr/AU : 1732  
Examiner : unassigned  
Entitled : Polymer Gel-Processing Techniques and High Modulus Products  
Attorney Reference : 121939-40308491  
Customer Number : 43569

**MAIL STOP MISSING PARTS**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Sir:

Pursuant to 37 CFR §1.97 and 1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the following disclosures made herein, which include:

**REFERENCES AND RELEVANCY**

- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are any readily available full or partial English translations of any non-English language documents.
- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited for consideration in the parent application, and, pursuant to 37 CFR 1.98(d), copies of the cited references can be found in the file of the parent application (U.S. Serial No. , filed ).
- ☒ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in the International Search Report issued for the corresponding International application, and copies of the International Search Report and the cited references are attached for the Examiner's consideration.
- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in a communication from a foreign or international patent office in a counterpart foreign or international application(s), and copies of both the relevant communication and the cited references, where required, are attached for the Examiner's consideration.

### CERTIFICATION

The undersigned certifies that, pursuant to 37 CFR §1.97(e)(1),

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application not more than three months prior to the filing of this Statement.

### RELATED CASES

- ☐ Identified in the attached Appendix are related applications directed to related technical subject matter. Copies of the related applications, where required, are attached for the Examiner's consideration. *The identification of the related U.S. patent applications is not to be construed as a waiver of secrecy for those applications, now or upon issuance of the present application as a patent.*

### BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- ☒ within three months of the filing date of the application and/or before the mailing date of a first Official Action on the merits, and no fee is required [37 C.F.R. §1.97(b)].
- ☐ with the appropriate certification, and no fee is required [37 C.F.R. §1.97(e)(1)].
- ☐ after the mailing date of the first Official Action on the merits, but prior to the issuance of a Final Official Action or a Notice of Allowance, and the requisite fee, if necessary, is authorized herein for payment [37 C.F.R. §1.97(c)].
- ☐ after the mailing date of the Final Official Action or Notice of Allowance, but prior to the payment of the issue fee, the requisite certification under 37 CFR §1.97(e)(1) is made herein, and the requisite fee, if necessary, is authorized herein for payment [37 C.F.R. §1.97(d)].
- ☐ with a Request for Continued Examination (RCE), and no fee is required [37 C.F.R. §1.97(b)(4)].

### FEE AUTHORIZATION

- ☒ Authorization is hereby given to charge any deficient fee(s) under 37 CFR §1.16 and §1.17 as necessary to ensure the consideration of this disclosure, or to credit any fee overpayments, to Deposit Account No. 503-121.
- ☐ Authorization is hereby given to charge the requisite fee of \$180 (Fee Code 1806) for submission of this Information Disclosure Statement to Deposit Account No. 503-121.

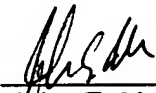
It is respectfully requested that this information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By:   
John E. Mauk  
Registration No. 54,579

Paul L. Sharer  
Registration No. 36,004

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006  
(202) 263-3000 Telephone  
(202) 263-3300 Facsimile

Date: August 19, 2005

Attachment(s): PTO Form 1449  
Cited References

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Attorney Reference: 121939-40308491

Applicant: Magnus Kristiansen et al.

Application Serial No. 10/785,418

Filing Date: February 25, 2004

Examiner: unassigned

Group Art Unit: 1732

Date: August 19, 2005

Page 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country			Translation Readily Available		English Abstract	
							Enclosed	No	Enclosed	No
	OR	1 567 365	05/1980	GB						
	PR	06 057055	03/1994	JP					X	
	QR	05 222236	08/1993	JP					X	
	RR	8 12799	01/1996	JP			X			
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

YR	International Search Report issued August 19, 2004 for PCT/IB2004/001052.
ZR	Kristiansen, Magnus et al., "Synergistic Gelation of Solutions of Isotactic Polypropylene and Bis-(3,4-Dimethyl Benzylidene) Sorbitol and its Use in Gel-Processing", Polymer, Elsevier Science Publishers B.V., GB, vol. 44, no. 19, September 2003, pages 5885-5891.
AAR	
BBR	
CCR	
DDR	

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



**RECEIPT FROM USPTO FOR HAND-  
DELIVERY  
OF INDICATED ITEMS**

MAYER  
BROWN  
ROWE  
& MAW

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101

Application Serial No. 10/785,418

Atty: John E. Mauk/klh

First Inventor: KRISTIANSEN et al.

Date: March 24, 2006

Attorney Reference: 121939-40308491

**ENCLOSED:**

- ☒ Petition to Withdraw the Holding of Abandonment Under 37 CFR 1.181 (a); and
- ☒ Copy of Response to Notice to File Missing Parts (along with all accompanying documents) previously submitted on August 19, 2005.

\$  Total Fee Charged to Deposit Account

CURRENT DUE DATE:





**RECEIPT FROM USPTO FOR HAND-  
DELIVERY  
OF INDICATED ITEMS**

MAYER  
BROWN  
ROWE  
& MAW

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101

Application Serial No. 10/785,418	Atty: John E. Mauk/klh
First Inventor: KRISTIANSEN et al.	Date: March 24, 2006
	Attorney Reference: 121939-40308491

**ENCLOSED:**

- ☒ Petition to Withdraw the Holding of Abandonment Under 37 CFR 1.181 (a); and
- ☒ Copy of Response to Notice to File Missing Parts (along with all accompanying documents) previously submitted on August 19, 2005.

\$  Total Fee Charged to Deposit Account

CURRENT DUE DATE:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/785,418 Confirmation No. 8366  
Applicant(s) : Magnus Kristiansen et al.  
Filed : February 25, 2004  
Tech Cntr/PU : 1732  
Examiner : unassigned  
Entitled : Polymer Gel-Processing Techniques and High Modulus Products

Attorney Reference : 121939-40308491  
Customer Number : 43569

**MAIL STOP MISSING PARTS**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**PETITION TO WITHDRAW THE HOLDING OF ABANDONMENT UNDER**  
**37 CFR 1.181(a)**

Sir:

In response to the Notice of Abandonment Under 37 CFR 1.53(f) or (g) mailed **March 14, 2006**, a copy of which is enclosed herewith, Applicants hereby request withdrawal of the holding of abandonment.

Applicants filed a Response to the Notice to File Missing Parts on August 19, 2005, a copy of which is attached hereto along with the date-stamped filing receipt.


No petition fee is required. However, authorization is given herein to charge the any deficiencies in the fees not specifically authorized herein, or to further credit any overpayments, to Deposit Account No. 503-121 in order to maintain the pendency of this application.

Application No. 10/785,418  
Petition dated March 24, 2006  
Page 2

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By:   
\_\_\_\_\_  
John E. Mauk  
Registration No. 54,579

Paul L. Sharer  
Registration No. 36,004

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006  
(202) 263-3000 Telephone  
(202) 263-3300 Facsimile

Date: March 24, 2006





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/785,418	02/25/2004	Magnus Kristiansen	065322-0308491

00909  
 PILLSBURY WINTHROP SHAW PITTMAN, LLP  
 P.O. BOX 10500  
 MCLEAN, VA 22102



CONFIRMATION NO. 8366  
 ABANDONMENT/TERMINATION  
 LETTER

Date Mailed: 03/14/2006

### NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 07/13/2005.

- No reply was received.

If a complete reply to the notice was previously filed by applicant within the time period set forth in the notice, applicant may request for reconsideration of the holding of abandonment within 2 months from the mailing of this notice of abandonment by filing a petition to withdraw the holding of abandonment under 37 CFR 1.181(a). No petition fee is required. The petition must be accompanied by a true copy of the originally filed reply and the item(s) identified in one of the following:

1. A properly itemized date-stamped postcard receipt (see MPEP § 503);
2. If the originally filed reply included a certificate of mailing or transmission in compliance with 37 CFR 1.8(a), a copy of the certificate of mailing or transmission and a statement in compliance with 37 CFR 1.8(b) (see MPEP §§ 512); or
3. If the reply was filed via Express Mail, a submission satisfying the requirements of 37 CFR 1.10(e) including, for example, a copy of the Express Mail mailing label showing the "date-in" (see MPEP § 513).

Any petition to withdraw the holding of abandonment should be directed to OIPE.

If applicant did not previously file a complete reply within the time period set forth in the notice, applicant may file a petition to revive the application under 37 CFR 1.137.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(l); and (4) a terminal disclaimer if required by 37 CFR 1.137(d). See MPEP § 711.03(c) and Form PTO/SB/61.

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37

CFR 1.137(d). See MPEP § 711.03(c) and Form PTO/SB/64.

Any questions concerning petitions to revive should be directed to the "Office of Petitions" at (571) 272-3282.

---

*A copy of this notice **MUST** be returned with the reply.*

2136

Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199, or 1-800-972-6382  
PART 1 - ATTORNEY/APPLICANT COPY

---

**RECEIPT FROM USPTO FOR HAND-DELIVERY  
OF INDICATED ITEMS**



MAYER  
BROWN  
ROWE  
& MAW

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101



Application Serial No. 10/785,418	Attorney: John E. Mauk/cdw
First Inventor: Magnus Kristiansen et al.	Date: August 19, 2005
	Attorney Reference: 121939-40308491

**ENCLOSED:**

- ☒ Response to Notice to File Missing Parts of Application, including:
- Declaration/Power of Attorney signed by inventors;
  - Assignment and Assignment Recordation Cover Sheet;
  - Information Disclosure Statement with PTO-1449 and Cited References;
  - Change of Address (pto/SB/122); and
  - Copy of Notice to File Missing Parts dated July 13, 2005.

\$ 2420.00 Total Fee Charged to Deposit Account

CURRENT DUE DATE: September 13, 2005

**RECEIPT FROM USPTO FOR HAND-DELIVERY  
OF INDICATED ITEMS**



MAYER  
BROWN  
ROWE  
& MAW

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101

Application Serial No. 10/785,418	Attorney: John E. Mauk/cdw
First Inventor: Magnus Kristiansen et al.	Date: August 19, 2005
	Attorney Reference: 121939-40308491

**ENCLOSED:**

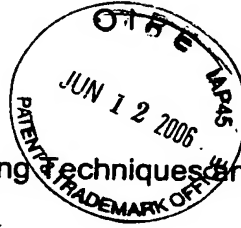
- ☒ Response to Notice to File Missing Parts of Application, including:
- Declaration/Power of Attorney signed by inventors;
  - Assignment and Assignment Recordation Cover Sheet;
  - Information Disclosure Statement with PTO-1449 and Cited References;
  - Change of Address (pto/SB/122); and
  - Copy of Notice to File Missing Parts dated July 13, 2005.

\$  Total Fee Charged to Deposit Account

CURRENT DUE DATE:

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Number : 09/785,418 Confirmation No. 8366  
Applicant(s) : Magnus Kristiansen et al.  
Filed : February 25, 2004  
Tech Cntr/AU : 1732  
Examiner : unassigned  
Entitled : Polymer Gel-Processing Techniques and High Modulus Products  
Attorney Reference : 121939-40308491  
Customer Number : 43569



**MAIL STOP MISSING PARTS**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

In response to the Notice to File Missing Parts of Application mailed **July 13, 2005**, a copy of which is enclosed herewith, Applicant(s) submit the following:

**REQUIRED PARTS OF APPLICATION**

- ☒ Additional claim fees as itemized on the attached PTO/SB/17 (in duplicate);
- ☒ Filing, Examination and/or Search fees as itemized on the attached PTO/SB/17 (in duplicate);
- ☒ Late surcharge as itemized on the attached PTO/SB/17 (in duplicate);
- ☒ Declaration/Power of Attorney signed and dated by inventor(s) (2 pages);
- ☐ Substitute specification;
- ☐ Other:

**ADDITIONAL DOCUMENTS SUBMITTED**

- ☒ Assignment and Assignment Recordation Cover Sheet (3 pages);
- ☐ Supplemental Application Data Sheet;
- ☒ Information Disclosure Statement with PTO Form 1449;
- ☐ Certified copy of priority document;
- ☐ Preliminary Amendment;
- ☐ Petition for Extension of Time (PTO/SB/22) in duplicate;
- ☐ Other:

**SMALL ENTITY STATUS**

☐ Applicant(s) claim small entity status for this application.

**FEE AUTHORIZATION**

☒ Authorization is hereby given to charge any deficient fee(s) as necessary to ensure the pendency of this application, or to credit any fee overpayments, to Deposit Account No. 503-121.

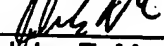
☒ Authorization is hereby given to charge the fees as itemized on the attached PTO/SB/17 to Deposit Account No. 503-121.

☐ Authorization is hereby given to charge the requisite extension of time fees as itemized on the attached PTO/SB/22 to Deposit Account No. 503-121.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By:   
John E. Mauk  
Registration No. 54,579

Paul L. Sharer  
Registration No. 36,004

Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006  
(202) 263-3000 Telephone  
(202) 263-3300 Facsimile

Date: August 19, 2005

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 2380.00)

## Complete If Known

Application Number 10/785,418  
 Filing Date February 25, 2004  
 First Named Inventor Magnus Kristiansen et al.  
 Examiner Name unassigned  
 Art Unit 1732  
 Attorney Docket No. 121939-40308491

JUN 12 2005

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):  
☒ Deposit Account Deposit Account Number: 503-121 Deposit Account Name: Mayer Brown Rowe & Maw LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	1000.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
45	- 20 or HP = 25	x \$50	= 1250.00			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
3	- 3 or HP = 0	x \$200	= 0			
HP = highest number of independent claims paid for, if greater than 3						

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
24	- 100 = 0	/ 50 = 0	(round up to a whole number) x \$125	= 0

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

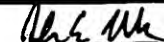
Other: Late filing of the Declaration Surcharge

Fees Paid (\$)

0

130.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 54,579	Telephone 202-263-3255
Name (Print/Type)	John E. Mauk		Date August 19, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

## Complete if Known

Application Number 10/785,418  
Filing Date February 25, 2004  
First Named Inventor Magnus Kristiansen et al.  
Examiner Name unassigned  
Art Unit 1732  
Attorney Docket No. 121939-40308491

JUN 12 2006

U.S. PATENT & TRADEMARK OFFICE

TOTAL AMOUNT OF PAYMENT (\$ 2380.00)

## METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account Deposit Account Number: 503-121 Deposit Account Name: Mayer Brown Rowe & Maw LLP
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	1000.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
45	25	\$50	1250.00
HP = highest number of total claims paid for, if greater than 20			
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
3	0	\$200	0
HP = highest number of independent claims paid for, if greater than 3			

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
0	0	0

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
24	0	0	\$125	0
24 - 100 = 0 / 50 = 0 (round up to a whole number) x \$125 = 0				

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)	
Other: Late filing of the Declaration Surcharge	
	130.00

## SUBMITTED BY

Signature *[Signature]* Registration No. (Attorney/Agent) 54,579 Telephone 202-263-3255  
Name (Print/Type) John E. Mauk Date August 19, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/785,418	02/25/2004	Magnus Kristiansen	065322-0308491

00909  
 PILLSBURY WINTHROP SHAW PITTMAN, LLP  
 P.O. BOX 10500  
 MCLEAN, VA 22102



CONFIRMATION NO. 8366

## FORMALITIES LETTER



\*OC0000000164 88990\*

Date Mailed: 07/13/2005

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 790 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.  
*Note: If a petition under 37 CFR 1.47 is being filed, an oath or declaration in compliance with 37 CFR 1.63 signed by all available joint inventors, or if no inventor is available by a party with sufficient proprietary interest, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$1250 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$2170 for a Large Entity

- \$790 Statutory basic filing fee.

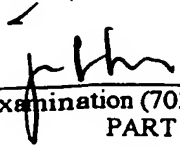
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$1250
  - \$1250 for 25 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*

---

  
Office of Initial Patent Examination (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

FOR UTILITY/DESIGN  
CIP/PCT NATIONAL/PLANT  
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL  
DECLARATIONS

RULE 63 (37 C.F.R. 1.56)  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



PW  
FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the **INVENTION ENTITLED**

**POLYMER GEL-PROCESSING TECHNIQUES AND HIGH MODULUS PRODUCTS**

the specification of which (CHECK applicable BOX(ES))  
X ☐ A. ☐ is attached hereto.  
BOX(ES) ☒ B. ☒ was filed on February 25, 2004 as U.S. Application No. 10/785,418  
☒ C. ☐ was filed as PCT International Application No. PCT/ / On  
and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

**PRIOR FOREIGN APPLICATION(S)**

Number	Country	Day/MONTH/Year Filed	Date first Laid-open or Published	Date Patented or Granted	Priority NOT Claimed
--------	---------	----------------------	-----------------------------------	--------------------------	----------------------

If more prior foreign applications, X box at bottom and continue on attached page.

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

**PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)**

Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status	Priority NOT Claimed
60/449,616	26 February 2003	pending, abandoned, patented, abandoned	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Winthrop LLP, Intellectual Property Group, P.O. Box 10500, McLean, VA 22102, telephone number (703) 905-2000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary.

G. Lloyd Knight	17698	Mark G. Paulson	30793	William P. Atkins	38821	John Jobe	28429
George M. Sirilla	18221	Stephen C. Glazier	31361	Paul L. Sharer	36004	Mark C. Pickering	36239
Dale S. Lazar	28872	Richard H. Zaitlen	27248	Robin L. Teskin	35030	David H. Jaffer	32243
Glenn J. Perry	28458	Roger R. Wise	31204	Anthony L. Miele	34393	John R. Wetherell	31678
G. Paul Edgell	24238	Jack S. Barufka	37087	Robert J. Walters	40862	Steven Moore	35959
David A. Jakopin	32995	Adam R. Hess	41835	Brian J. Beatus	38825	Jeffrey D. Karceski	35914
Danielson, Mark	40580	Kim, Chang H.	42727	Sethuraman, Anand	43351	Davoudian, Keyvan	47520
Dennison, Caroline D.	34494	Baeza, Guillermo	35056	Barrett, Glenn T.	38705	Bowen, Paul T.	38009
Brummett, Gregory P.	41646	Daley, Henry J.	42459	Fagin, Kenneth M.	37615	Hilliard, Thomas P.	40330
Sanzo, Michael A.	36912	Sirtzky, Brian	37497	McCarthy, Christine H.	41844	Collins, Bryan P.	43560
Darling, John P.	44482	Elamrani, Samir	43601	Hartman, Kerry T.	41818	Hernandez, Eric	47641
James W. Jakobsen	38505			Richard A. Steinberg	26588	Christopher M. Beck	52603

(1) INVENTOR'S SIGNATURE:

*M. Kristiansen*

Date:

*20 Feb 2004*

Magnus

KRISTIANSEN

First

Middle Initial

Family Name

Residence

Zurich

Switzerland

Sweden

City

State/Foreign Country

Country of Citizenship

Mailing Address

Hochstrasse 81, Zurich, Switzerland

(include Zip Code)

CH-8006

(2) INVENTOR'S SIGNATURE:

*THEO*

Date:

*02 April 2004*

Theo

TERVOORT

First

Middle Initial

Family Name

Residence

Zurich

Switzerland

Netherlands

City

State/Foreign Country

Country of Citizenship

Mailing Address

Haldenbachstrasse 30, Zurich, Switzerland

(include Zip Code)

CH-8006

"X" box ☒ FOR ADDITIONAL INVENTORS, and proceed on the attached page to list each additional inventor.  
☐ See additional foreign priorities on attached page (incorporated herein by reference).

Atty. Dkt. No. P308491

(M#)

## DECLARATION AND POWER OF ATTORNEY

(continued)

## ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date:

April 2, 2003

Paul		SMITH	
First		Middle Initial	Family Name
Residence	Zurich	Switzerland	Netherlands
City		State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)		Huttensteig 10, Zurich, Switzerland CH-8006	

(4) INVENTOR'S SIGNATURE:

Date:

First		Middle Initial	Family Name
Residence			
City		State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)			

(5) INVENTOR'S SIGNATURE:

Date:

First		Middle Initial	Family Name
Residence			
City		State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)			

(6) INVENTOR'S SIGNATURE:

Date:

First		Middle Initial	Family Name
Residence			
City		State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)			

(7) INVENTOR'S SIGNATURE:

Date:

First		Middle Initial	Family Name
Residence			
City		State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)			

(8) INVENTOR'S SIGNATURE:

Date:

First		Middle Initial	Family Name
Residence			
City		State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)			

(9) INVENTOR'S SIGNATURE:

Date:

First		Middle Initial	Family Name
Residence			
City		State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)			

**RECORDATION FORM COVER SHEET  
PATENT APPLICATIONS & PATENTS ONLY**

TO THE COMMISSIONER OF THE U.S. PATENT &amp; TRADEMARK OFFICE:

Sir:

Please record the attached original documents or copy thereof as follows:

**1. NAME OF CONVEYING PARTIES [ASSIGNOR(S)]:**

a. Magnus Kristiansen  
c. Paul Smith  
e.  
g.

b. Theo Tervoort  
d.  
f.  
h.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO**2. PARTIES [ASSIGNEE(S)] RECEIVING INTEREST:**

NAME: Eidgenössische Technische Hochschule Zürich

ADDRESS: Rämistrasse 101, CH-8092 Zürich, Switzerland

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO**3. NATURE OF CONVEYANCE/DOCUMENT:**

☒ Assignment  
☐ Change of Name  
☐ Other:

Assignment of:  
☐ Part interest  
☒ Whole interest

Conveyance document attached is a:

☒ Copy  
☐ Original  
☐ Certified document

Execution Date(s) on the Conveyance/Document: April 6, 2004, April 2, 2004 &amp; April 2, 2004

Execution Date(s) on the Declaration (if filed herewith): April 6, 2004, April 2, 2004 &amp; April 2, 2004

**4. APPLICATION AND/OR PATENT NUMBER(S):**Additional sheets attached? ☐ YES ☒ NO

a. Application Number(s)	Matter No.	First Inventor	b. Patent Number(s)	Matter No.	First Inventor
10/785,418/	40308491	Kristiansen			

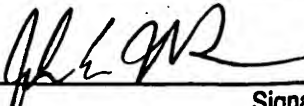
**5. NAME & ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE CONCERNING DOCUMENT  
SHOULD BE MAILED:**

Customer No. 43569  
Mayer, Brown, Rowe & Maw LLP  
Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101

**6. NUMBER OF PROPERTIES INVOLVED:**Applns 1 + Patents 0 = Total: 1**7. AMOUNT OF FEE DUE:**Above Total 1 x \$40 = \$ 40 (Fee Code 8021)**8. PLEASE CHARGE TO:**DEPOSIT ACCOUNT NO. 503-121Under Order No. 121939-40308491

Client/Matter No.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10. TOTAL NUMBER OF PAGES (including cover sheet, attachments and documents): 3


Signature

Name of Attorney: John E. Mauk  
Registration No. 54,579

Date: August 19, 2005

Telephone: (202) 263-3000 / Facsimile: (202) 263-3300

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:  
Pillsbury Winthrop LLP  
Intellectual Property Group  
P.O. Box 10500  
McLean, VA 22102

Atty. Dkt. 0308491 | GEL-PROCESSING - US  
M# | Client Ref.

**ASSIGNMENT**  
**of U.S. Patent Application**

WHEREAS, the undersigned, to wit:

- |                              |                         |
|------------------------------|-------------------------|
| 1) <u>Magnus KRISTIANSEN</u> | 2) <u>Theo TERVOORT</u> |
| 3) <u>Paul SMITH</u>         | 4) _____                |
| 5) _____                     | 6) _____                |
| 7) _____                     | 8) _____                |

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. 065322/0308491

and entitled: POLYMER GEL-PROCESSING TECHNIQUES AND HIGH MODULUS PRODUCTS

for which an application for Letters Patent of the United States

- ☐ was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;  
☒ was filed on February 25, 2004, Appln. No. 10/785,418 ;

AND WHEREAS

Eidgenössische Technische Hochschule Zürich  
Rämistrasse 101  
CH-8092 Zürich  
Switzerland

(hereinafter ASSIGNEE) desires to acquire an interest therein;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

**NOTE:** The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
1) <u>M. Kristiansen</u> Name: Magnus KRISTIANSEN	<u>April 6 2004</u>	<u>B. Graafland</u>
2) <u>Theo Tervooort</u> Name: Theo Tervooort	<u>April 2, 2004</u>	<u>B. Graafland</u>
3) <u>Paul Smith</u> Name: Paul SMITH	<u>April 2, 2004</u>	<u>B. Graafland</u>
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____
6) _____ Name: _____	_____	_____
7) _____ Name: _____	_____	_____
8) _____ Name: _____	_____	_____



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it bears a valid OMB control number.

Approved for use through 07/01/2006. OMB 0651-0035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

## CHANGE OF CORRESPONDENCE ADDRESS *Application*

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 223 13-1450

Application Number	10/785,418
Filing Date	February 25, 2004
First Named Inventor	Magnus Kristiansen et al.
Art Unit	1732
Examiner Name	unassigned
Attorney Docket Number	121839-40308491

Please change the Correspondence Address for the above-identified patent application to:

☒ The address associated with  
Customer Number:

43569

OR

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Email

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

- ☐ Applicant/Inventor
- ☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or agent of record. Registration Number 36,004
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature

Typed or Printed Name Paul L. Sharer

Date August 19, 2005

Telephone (202) 263-3340

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 09/785,418 Confirmation No. 8366  
Applicant(s) : Magnus Kristiansen et al.  
Filed : February 25, 2004  
Tech Cntr/AU : 1732  
Examiner : unassigned  
Entitled : Polymer Gel-Processing Techniques and High Modulus Products  
Attorney Reference : 121939-40308491  
Customer Number : 43569

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Sir:

Pursuant to 37 CFR §1.97 and 1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the following disclosures made herein, which include:

**REFERENCES AND RELEVANCY**

- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are any readily available full or partial English translations of any non-English language documents.
- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited for consideration in the parent application, and, pursuant to 37 CFR 1.98(d), copies of the cited references can be found in the file of the parent application (*U.S. Serial No.* , *filed* ).
- ☒ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in the International Search Report issued for the corresponding International application, and copies of the International Search Report and the cited references are attached for the Examiner's consideration.
- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in a communication from a foreign or international patent office in a counterpart foreign or international application(s), and copies of both the relevant communication and the cited references, where required, are attached for the Examiner's consideration.

### CERTIFICATION

The undersigned certifies that, pursuant to 37 CFR §1.97(e)(1),

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application not more than three months prior to the filing of this Statement.

### RELATED CASES

- ☐ Identified in the attached Appendix are related applications directed to related technical subject matter. Copies of the related applications, where required, are attached for the Examiner's consideration. *The identification of the related U.S. patent applications is not to be construed as a waiver of secrecy for those applications, now or upon issuance of the present application as a patent.*

### BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- ☒ within three months of the filing date of the application and/or before the mailing date of a first Official Action on the merits, and no fee is required [37 C.F.R. §1.97(b)].
- ☐ with the appropriate certification, and no fee is required [37 C.F.R. §1.97(e)(1)].
- ☐ after the mailing date of the first Official Action on the merits, but prior to the issuance of a Final Official Action or a Notice of Allowance, and the requisite fee, if necessary, is authorized herein for payment [37 C.F.R. §1.97(c)].
- ☐ after the mailing date of the Final Official Action or Notice of Allowance, but prior to the payment of the issue fee, the requisite certification under 37 CFR §1.97(e)(1) is made herein, and the requisite fee, if necessary, is authorized herein for payment [37 C.F.R. §1.97(d)].
- ☐ with a Request for Continued Examination (RCE), and no fee is required [37 C.F.R. §1.97(b)(4)].

### FEE AUTHORIZATION

- ☒ Authorization is hereby given to charge any deficient fee(s) under 37 CFR §1.16 and §1.17 as necessary to ensure the consideration of this disclosure, or to credit any fee overpayments, to Deposit Account No. 503-121.
- ☐ Authorization is hereby given to charge the requisite fee of \$180 (Fee Code 1806) for submission of this Information Disclosure Statement to Deposit Account No. 503-121.

It is respectfully requested that this information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.

The examination and allowance of this Application is respectfully requested.

---

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By: 

John E. Mauk  
Registration No. 54,579

Paul L. Sharer  
Registration No. 36,004

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(202) 263-3300 Facsimile

Date: August 19, 2005

Attachment(s): PTO Form 1449  
Cited References

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Reference: 12 1939-40308491

Applicant: Magnus Kristiansen et al.

Application Serial No. 10/785,418

Filing Date: February 25, 2004

Examiner: unassigned

Group Art Unit: 1728

Date: August 19, 2005

Page 1 of 1

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						
FR						
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## FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Translation Readily Available		English Abstract	
				Enclosed	No	Enclosed	No
OR	1 567 365	05/1980	GB				
PR	06 057055	03/1994	JP			X	
QR	05 222236	08/1993	JP			X	
RR	8 12799	01/1996	JP	X			
SR							
TR							
UR							
VR							
WR							
XR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	International Search Report issued August 19, 2004 for PCT/IB2004/001052.
ZR	Kristiansen, Magnus et al., "Synergistic Gelation of Solutions of Isotactic Polypropylene and Bis-(3,4-Dimethyl Benzylidene) Sorbitol and its Use in Gel-Processing", Polymer, Elsevier Science Publishers B.V., GB, vol. 44, no. 19, September 2003, pages 5885-5891.
AAR	
BBR	
CCR	
DDR	

Examiner

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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